

**Box No. VIII (iv) DECLARATION: INVENTORSHIP** (only for the purposes of the designation of the United States of America)  
*The declaration must conform to the following standardized wording provided for in Section 214; see Notes to Boxes Nos. VIII, VIII (i) to (v) (in general) and the specific Notes to Box No. VIII (iv). If this Box is not used, this sheet should not be included in the request.*

**Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv))  
for the purposes of the designation of the United States of America:**

I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.

This declaration is directed to the international application of which it forms a part (if filing declaration with application).

This declaration is directed to international application No. PCT/..... (if furnishing declaration pursuant to Rule 26ter).

I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.

I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications," by application number, country or Member of the World Trade Organization, day, month and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.

Prior Applications: .....

I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name: ..... Fabrice Marcel S. Bounaix..... 1-60

Residence: ..... France..... FRX  
(city and either US state, if applicable, or country)

Mailing Address: ..... 10 Rue Des Champs.....  
..... Hoerd 67720 FRANCE.....

Citizenship: ..... France.....

Inventor's Signature: .....  
(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent)

Date: ..... 19 August 2002.....  
(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)

Name: .....

Residence: .....

Mailing Address: .....

Citizenship: .....

Inventor's Signature: .....

Date: .....

Practitioner's Docket No. 005803.00912

PATENT

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**COMBINED DECLARATION AND POWER OF ATTORNEY**

**(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)**

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As a below named inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am an original, first and joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

GAS DETECTION EMPLOYING LIGHT ABSORPTION SPECTROSCOPY

**SPECIFICATION IDENTIFICATION**

The specification is attached hereto.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, Section 1.56 .

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

APPOINTED PRACTITIONER(S)

REGISTRATION NUMBER(S)

Paul H. Johnson

19,224

Brent A. Capehart

39,620



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

A/US81-40

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REC'D PCT/INT 25 FEB 2005

DECEMBER 04, 2002

PTAS

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
www.uspto.gov

GABLE & GOTWALS  
PAUL H. JOHNSON  
100 W. FIFTH ST., 10TH FLOOR  
TULSA, OK 74103



\*102224598A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/06/2002

REEL/FRAME: 013278/0595  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

BOUNAIX, FABRICE MARCEL S.

DOC DATE: 08/19/2002

ASSIGNEE:

TDW DELAWARE, INC.  
1100 MARKET ST., STE 780  
WILMINGTON, DELAWARE 19801

SERIAL NUMBER:

PATENT NUMBER:

PCT NUMBER: US0228377

FILING DATE:

ISSUE DATE:

JEFFREY OLSEN, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

DT05 R-1 PCT/PTO 0 6 SEP 2002  
PAUS 02/28377

09-17-2002

Form PTO-1595  
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

25 FEB 2005

To the Honorable Commissioner of Patents 102224598

Send original documents or copy thereof.

1. Name of conveying party(ies):  
Fabrice Marcel S. Bounaix

9.6.02

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: August 19, 2002

2. Name and address of receiving party(ies)

Name: TDW Delaware, Inc.

Internal Address: \_\_\_\_\_

Street Address: 1100 Market St., STE 780

City: Wilmington State: DE Zip: 19801

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 06 Sept 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Paul H. Johnson

Internal Address: GABLE & GOTWALS

Street Address: 100 W. Fifth St., 10th Floor

City: Tulsa State: OK Zip: 74103

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

Charge any deficiency to 50-1971

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Paul H. Johnson

Name of Person Signing

*Paul H. Johnson*  
Signature

6 Sept 2002  
Date

Total number of pages including cover sheet, attachments, and documents

3

For: U.S. and Foreign Rights  
By: Inventor(s)

**ASSIGNMENT OF INVENTION CONTAINED IN PCT APPLICATION**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNOR:**

Inventor(s)

Name: Fabrice Marcel S. Bounaix  
Address: 10 Rue Des Champs  
Hoerdts 67720  
France  
Nationality: France

hereby sells, assigns and transfers to

**ASSIGNEE:**

Name: TDW Delaware, Inc.  
Address: 1100 Market St., STE 780  
Wilmington, DE 19801  
Nationality: A Delaware Corporation

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest and in all foreign countries, including all rights to claim priority in and to any and all improvements which are disclosed in the invention entitled GAS DETECTION EMPLOYING LIGHT ABSORPTION SPECTROSCOPY and which is found in (37 C.F.R. Section 3.21) PCT patent application filed on 06 August, 2002 September 2002.

Express mail label no.: EK184550492US  
Mailed: 06 August, 2002 September 2002

\* Assignor further agrees to allow Attorney of Record to complete filing on and mailing date of application on Assignor behalf.

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any re-issue or re-examination thereof


ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation

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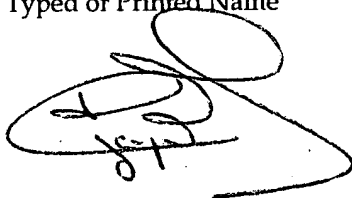
or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this 19<sup>th</sup> August, 2002.

  
\_\_\_\_\_  
Fabrice Marcel S. Bounaix

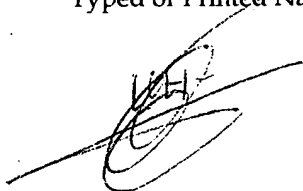
\_\_\_\_\_  
Witness #1

GEORGEOT Jean Pierre  
\_\_\_\_\_  
Typed or Printed Name



\_\_\_\_\_  
Witness #2

LAURENTE Alain  
\_\_\_\_\_  
Typed or Printed Name



I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

---

SEND CORRESPONDENCE TO

GABLE & GOTWALS  
Attn: Paul H. Johnson  
100 W. Fifth St., 10th Floor  
Tulsa, OK 74103

DIRECT TELEPHONE CALLS TO:

Paul H. Johnson  
(918) 595-4963

PTO Customer No. 32,128

---

**DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)**

100  
Fabrice Marcel S. Bounaix

Inventor's signature

Date 19<sup>th</sup> August 2002

Country of Citizenship France

Residence Hoerdt, France FRX

Post Office Address 10 Rue Des Champs, 67720 Hoerdt, France